

Docket No.: 50395-121

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Akihiro HACHIGO, et al.

Serial No.:

Filed: April 04, 2002

For: SAW DEVICE

Group Art Unit:

Examiner:

*Handwritten:*  
AC  
TO  
Officer  
9-2572

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents and Trademarks  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

However, to ensure that these references are available to the Examiner, we are providing copies of these references herewith. Since the Search Report was from the U.S. JPO or EPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is believed that

Serial No.:

10/089804  
JC Rec'd PCT/PTO 04 APR 2002

Applicants have met all requirements regarding duty of disclosure under 37 CFR 1.56.


Acknowledgement and consideration of these documents are respectfully requested.

A copy of the foreign search report is attached for the Examiner's information.

Please note this is a PCT application in the entry of the National Phase in the U.S.

Respectfully submitted,

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**Date: April 4, 2002**

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>				ATTY. DOCKET NO. <b>50395-121</b>		SERIAL NO.	
				APPLICANT <b>Akihiro HACHIGO, et al.</b>			
				FILING DATE <b>April 04, 2002</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,160,869	11/03/92	Nakahata, et al				
	5,446,329	08/29/95	Nakahata, et al				
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	3-198412	08/29/91	JAPAN (w/English Abstract)				
	5-83078	04/02/93	JAPAN (w/English Abstract)				
	64-62911	03/09/89	JAPAN (w/English Abstract)				
	9-51248	02/18/97	JAPAN (w/English Abstract)				
	10-276061	10/13/98	JAPAN (w/English Abstract)				
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	Yamanouchi, et al "SAW PROPAGATION CHARACTERISTICS AND FABRICATION TECHNOLOGY OF PIEZOELECTRIC THIN FILM/DIAMOND STRUCTURE" 1989, IEEE, UltraSonics Symposium, Vol. 1, pages 351 - 354						
	Shikata, et al "1.5GHZ SAW BANDPASS FILTER USING POLY-CRYSTALLINE DIAMOND" 1993, UltraSonics Symposium, pages 277-280						
	Nakahata, et al "HIGH FREQUENCY SURFACE ACOUSTIC WAVE FILTER USING ZnO/DIAMOND/Si STRUCTURE" 1992, UltraSonics Symposium, pages 377 - 380						
	Nakahata, et al "SAW DEVICES ON DIAMOND" 1995, IEEE UltraSonics Symposium, pages 361 - 370						
	Nakahata, et al "HIGH FREQUENCY SURFACE ACOUSTIC WAVE FILTER USING ZnO/DIAMOND/SI STRUCTURE" Reprinted from Jpn. J. Appl. Phys. Vol. 33, Part 1, No. 1A, January 1994						
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.